
MICB administration

Introduction

The MICB OA&M access is provided through the RS-232 port on an MICB card, which is connected directly to a VT-100 type terminal or to a PC running a terminal emulation program. You can also perform OA&M access over Ethernet. The following system and conference administration functions are accessible through the MICB administration terminal:

- Scheduling the MICB conferences and bridges
- Editing attributes of previously defined conferences and bridges and currently active conferences
- Configuring system parameters and global conference attributes
- Displaying conference status and log files contents
- Entering the keycode
- Displaying conference statistics
- Performing system maintenance
- Performing MICB functional and software upgrades

Before you can use the terminal, you must configure its interface parameters as described in the *Installation and configuration* chapter.

Logon screen

The logon screen appears when you press the Enter key after you connect a terminal to the MICB RS-232 port. This is the initial screen that displays the general status of the MICB card and conferences in progress. This includes:

- Start and duration of each scheduled conference

- Control DNs for the conference and the chairperson
- Number of ports occupied and, in parenthesis, the maximum number of ports reserved for that conference
- Status of each conference (*bridge* is permanent, *expanded* is using more ports than have been reserved, *active* is conference in progress, and *next* is conference scheduled to start shortly)
- Locked indicates if a conference is accessible or not accessible by a conferee that has not yet joined the conference
- Chairpersons names and name for each conference

Note: When you first install the MICB, the initial screen ([Table 6](#)) may display dummy conference scheduling left over from factory testing or lab testing. Make sure that you delete all dummy information displayed in the initial screen using the appropriate menus, such as Bridge Allocator, Conference Reservation, and Meeting Terminate menus in this chapter, before you start scheduling conferences.

Table 6
Initial screen showing the current MICB configuration status

Meridian Integrated Conference Bridge								
Card name: first_card							10005666	
Start	Duration	CDN	Ch- CDN	# Ports	Status	Locked	Chair- person	Title
00:00	forever	3080	3081	0(6)	bridge	yes	-	bridge 3080
09:15	2:45	3020	3021	7(5)	expand	no	Bob	Y Report
10:30	1:30	3010	3011	4(6)	active	yes	Barry	X Gate 2
11:10	2:00	3000	3001	0(3)	active	no	Dale	ZGate 3
13:15	2:00	3030	3031	0(8)	next	-	Jim	ZSales
Total ports in use: 11(20)					Last refreshed: April 15, 1997 11:30			
Login:								

User login

A user may login as an **operator** or as an **administrator**. The operator may access MICB conference functions and the administrator may access system administration functions. The operator deals with conference administration and maintenance. The administrator deals with system administration and maintenance as well as the conference administration and maintenance.

The default passwords are as follows:

- **oper** is the operator default password
- **admin** is the administrator default password

The default passwords may be changed by the administrator. If you cannot remember the password, you type **rst** and enter the MICB card ID. If an incorrect card ID is entered, an error message is displayed and the login prompt is presented again.

If the card ID is authenticated, both passwords are reset to their default values i.e. **oper** and **admin**. Example:

Login: **rst**

Enter card ID: < current card ID>

Passwords have been reset. Please login again.

Login: **admin**

The administrator can then assign new passwords by accessing the *Protected Administration* menu.

General administration procedures

General administration procedures are conventions or rules you have to adhere to when modifying default or existing parameters that define the MICB system and conference operation. These apply when using:

- General administration commands
- Object modify procedure
- Collection modify procedure
- Custom recording procedure

General administration commands

When you have to modify system administration parameters, you can use one or more of the following commands:

- **Modify** - Enter **M** to indicate that you wish to modify one or more parameters
- **Save** - Enter **S** to save modified parameters
- **Cancel** - Enter **C** to cancel the modification and allow the parameter to retain its previous value

After the session is completed, the screen displays again the *Modify, Save, or Cancel*: command line for additional modification of parameters, if required.

To navigate from menus to other menus or to display help, use the following terminal keys:

- ***** - Returns you to the previous menu
- **/** - Returns you to the top menu level
- **?** - help; that assists you with commands in the current menu

Object modify procedure

To modify a value or attribute of an object, the program responds with a sequence of prompts, one prompt for each attribute of the object. The prompt specifies the name and the current value of the attribute as follows:

attribute_a (current_value_a): **new_value_a**

attribute_b (current_value_b): .

For each prompt user may respond in three ways:

- **<cr>** - accepts the current value by pressing the Enter key
- **value** - changes the attribute by entering a new value
- **.** - terminates the session by entering “.” (dot)

In some cases the system may display the current value and a list of available values to select. Example:

```
attribute_c (current_c, (1-aaaa, 2-bbbb, 3-cccc)): 2  
(where the value of attribute_c has been changed to bbbb)
```

After the session is completed the new set of values is displayed and you are prompted to *Modify, Save, or Cancel* the modification.

Collection modify procedure

This procedure modifies, deletes, or adds an entry to a collection of items of the same type, such as for example, a list of DNs.

You can move through the list of items by entering **<cr>** to skip the item, enter a **command** to modify the item, or enter **.** (dot) to exit the list. The **command** can be:

- **m** - to modify the item in the list using object modify procedure
- **d** - to delete a selected item in the list
- **i** - to insert a list of items above the currently selected item
- **a** - to append a list of items below the currently selected item

For insert and append commands, you are prompted to add a new item. This sequence is terminated by entering the **.** (dot). When the command(s) are executed, the program gives you the option to Modify, Save, or Cancel the changes. Only when you enter **Save** will the new changes be accepted.

When the end of the list is reached, the new list is displayed or printed and you are prompted again to *Modify* or *Exit* the list.

Brand line greeting

Brand line greeting file is automatically named BRANDLIN.WAV when created over the telephone set. You have to record a brand line greeting in each language separately for the A-law and the μ -law.

Brand line greeting is used during the conference to provide customized greeting in one of the five available languages that specifically identifies the conference or the company holding the conference.

Customer greeting files provides:

- customer recording of a brand line greeting in a specific language
- the user can select one of the three greeting options:
 - brand line greeting
 - no custom greeting
 - custom conference greeting

Use the message recording over the telephone set method to record brand line message, such as, for example, “Welcome to Nortel conference bridge”. The brand line message is identified as BRANDLIN.WAV file to distinguish it from other recorded files. For telephone set message recording, refer to “Brand line Audio Recorder” on page 53.

A conference or a bridge has two attributes:

- language - to select one of the five languages for the brand line recording
- custom greeting - **custom greeting (brand line, (1-no, 2- meeting))**:

User can then select one of the three options:

- <cr> - default option, which is the brand line greeting file BRANDLIN.WAV (if the brand line message is not recorded a message will be displayed)
- no custom greeting - this uses the WELCOME.WAV file “Welcome to the meeting”).
- custom meeting greeting

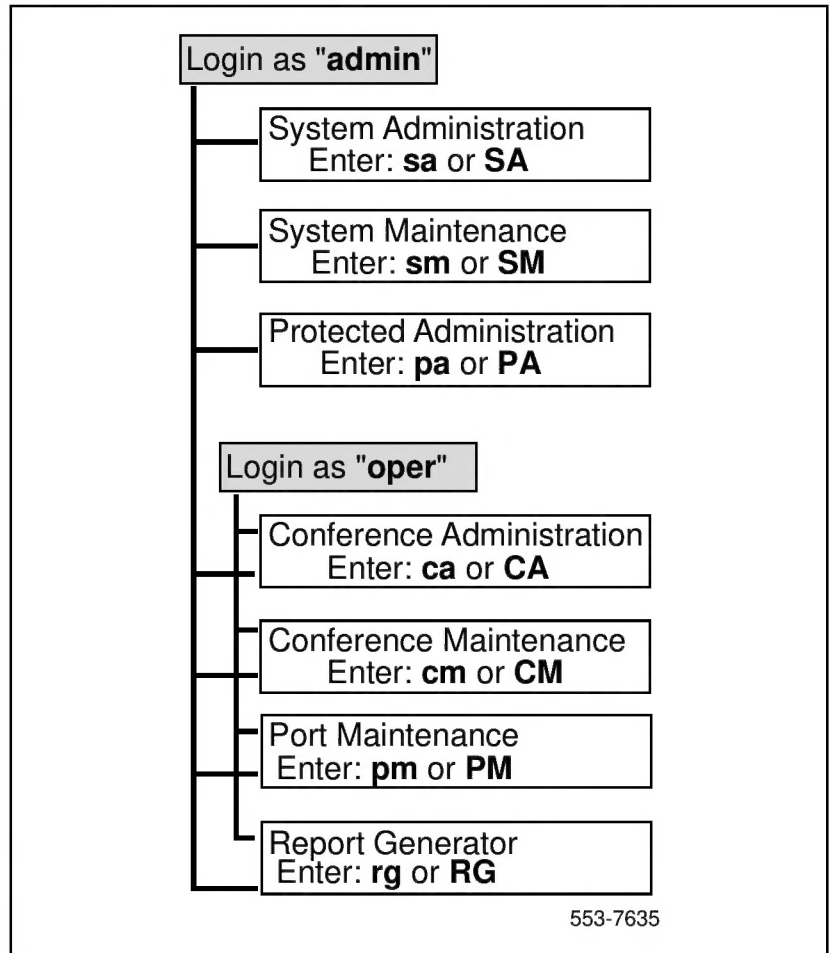
Accessing the Main Menu

The MICB Main Menu consists of administration and configuration menus, where the administrator can access both the system administration and configuration menus and the operator can access only the conference configuration menus.

To access the Main Menu you must have a terminal connected to the MICB RS-232 port with properly configured interface parameters. You should also login by entering the appropriate password.

[Figure 6](#) shows the Main Menu and its menus that can be accessed by the administrator by typing the default password **admin** and those that can be accessed by the operator by typing the default password **oper**. The administrator may change the passwords as required by security. The administrator can access all menus, however, the operator can access only the conference related menus as shown in the figure.

Figure 6
Main Menu

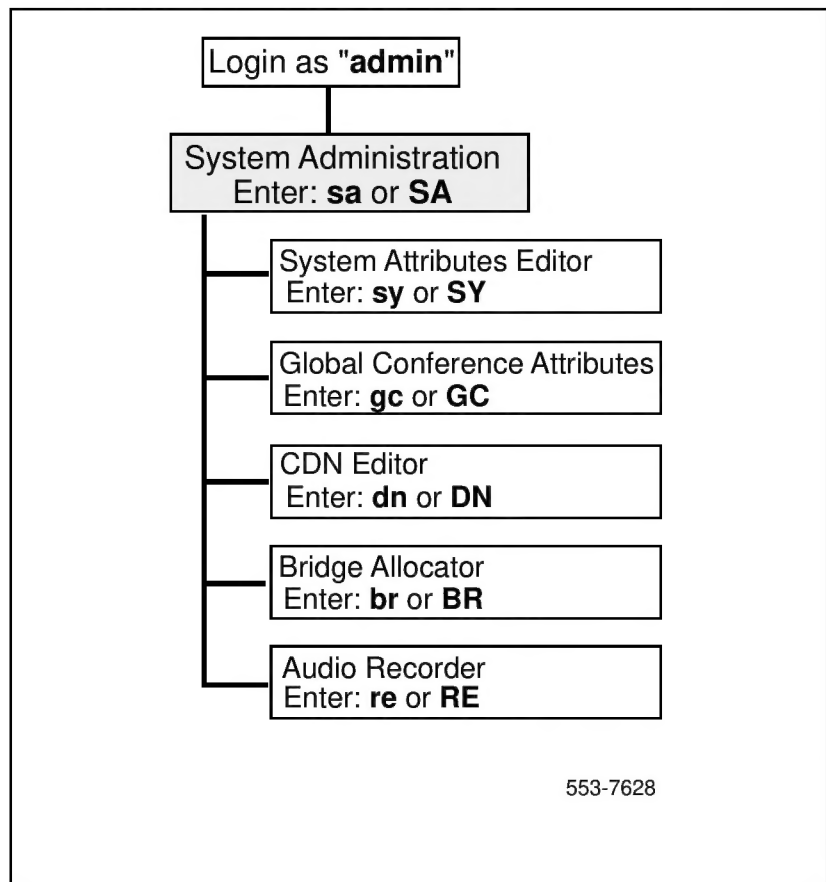


After you are logged in as an administrator or an operator you can access various menus, however, you have to follow general administration procedures.

System Administration menus

The System Administration menus are accessed from the Main Menu after you logged in as an administrator (**admin**) and by entering the **sa** or **SA** or the full command (**SAdmin**). [Figure 7](#) shows the System Administration screen and all the menus accessible from this screen.

Figure 7
System Administration menu



System Attribute Editor

Use this menu to modify system attributes. These are:

- **card name** - a character string with maximum length of 10 characters. The name appears at the top of the Initial Screen, if specified.
- **idle time-out** - the time the terminal is left idle before it automatically logs out and displays the Initial Screen with general system status. The default time-out is 20 minutes and the range is from 20 to 60 minutes.
- **refresh period** - the Initial Screen refresh (update) time when the terminal is not being used. The default is 5 minutes and the range is from 0 to 60 minutes. Enter 0 if you wish to disable system status display.
- **report aging** - the number of days the system will maintain old reservation records. The default is 60 days and the range is from 0 to 120 days. If you select 0, the records are deleted at the end of the day the conference was conducted.
- **short occupancy** - a threshold used to detect very short connection time of an MICB port assigned to a conference. If the connection is less than the threshold it may indicate bad connection or an incorrect CDN dialed. When this condition is detected, the system increments a counter and when counters are checked, those with peg-counts are displayed as potential problems.
- **default language** - a language selected by the administrator to be the default language. This is the first language in the list of defined languages. Languages defined in the system are stored on the PCMCIA in ASCII format.
- **agent ID** - ACD agent ID is a number of up to 4-digits long. The agent ID length is the basis for generating other agent ID numbers. If the agent ID option is not defined in the system, 0 must be entered. Note that the agents IDs must be consecutive numbers within the lower and upper limit of the available numbers, starting with the number assigned to the first agent ID. To find the available block of consecutive numbers, use LD 23 prompts SCB or ADS to print the current status of the assigned numbers.
- **application traffic report** - default is 0 to disable the report, range 1-24 allows you to select the number of reports that will be issued every hour-on-the-hour.

Ethernet defining attributes:

- **subnet mask** - has XXX.XXX.XXX.XXX format, where every XXX is in the range 0-255. Subnet mask in binary presentation of 32 bits has at least the first 8 digits “1” and the last digit is “0”.
- **gateway address** - has XXX.XXX.XXX.XXX format, where every token is in the range 0-255.
- **IP address** - is Ethernet protocol address and it has the same format at the gateway address.

Example:

login: **admin**

Previous admin login: Feb 11, 1997 10:00

SAdmin, SMint, PAdmin, CAdmin, PMaint, CMaint, RGen, LOut: **sa**
System, GConf, DN, BRidge, EScrip, REcorder: **sy**

System Attributes:

card name:

idle time-out minutes: 20

refresh period minutes: 1

report aging days: 60

short occupancy seconds: 10

default language: americam_english

agent id: not defined

application traffic report hours: 0

subnet mask: 255.255.248.0

gateway address: 141.226.199.254

IP address: 141.226.199.50

Modify, Save, Cancel: m

card name (): **first_card**

idle timeout minutes (20): **25**

refresh period minutes (1):

report aging days (60):

short occupancy seconds (10):

default language (americam_english, (1-french, 2-brasilian_portuguese,
3-LA_spanish, 4- UK_english)):

agent id (not defined):

application traffic report hours (0): 1

subnet mask (255.255.248.0):

gateway address (141.226.199.254):

IP address (141.226.199.50):

New System Attributes:

card name (): first_card
idle timeout minutes: 25
refresh period minutes: 1
report aging days: 60
short occupancy seconds: 10
default language: american_english
agent id: not defined
application traffic report hours: 1
subnet mask: 255.255.248.0
gateway address: 141.226.199.254
IP address: 141.226.199.50
Modify, Save, Cancel: **Save**

System Attributes have been updated.

SyStem, GConf, DN, BRidge, EScripT, REcorder: /

SAdmin, SMint, PAdmin, CAdmin, PMaint, CMaint, RGen, LOgout: **lo**

This concludes the System Attributes Editor session, returns you to the Main Menu, and logs you out.

Global Conference Attribute Editor

Use this menu to modify global conference attributes. When you login as the administrator, you are prompted to modify the following attributes applicable to all conferences:

- **record limit** - a maximum number of seconds allowed to record the conferee name. The default is 2 seconds and the range is from 1 to 10 seconds.
- **assistance DN** - a number the chairperson can dial for assistance. The chairperson must first dial *0#, where the implied assistance DN, which can be up to 8 digits long, must have been previously defined.

Example:

SYstem, GConf, DN, BRidge, EScripT, REcorder: **gc**
Global Conference Attributes:
record limit seconds: 2
assistance DN: 2020
Modify, Save, Cancel: m
record limit seconds (2): **7**
assistance DN (2020): **<cr>**
New Global Conference Attributes:
record limit seconds: 7
assistance DN: 2020
Modify, Save, Cancel: Save
Global Conference Attributes have been updated.
SYstem, GConf, DN, BRidge, EScripT, REcorder: /
SAdmin, SMint, PAdmin, CAdmin, PMaint, CMaint, RGen, LOGout: **lo**

This concludes the Global Conference Attributes Editor session, returns you to the Main Menu, and logs you out.

CDN Editor

Use this menu to add or modify Control Directory Numbers. One CDN is used by conferees to dial-in and join the conference and the other CDN to call the chairperson of that conference.

Before you start editing CDNs, make sure you adhere to the following rules:

- Maximum length of a CDN is 8 digits.
- Each CDN may appear only once on the list (all CDNs must be unique).
- A CDN may not be deleted if it is assigned to a conference or bridge.
- When a CDN is modified, future conferences that would have used the old CDN will now use the new CDN. Active conferences and bridges are not affected by this change.
- The list of dial-in CDNs must be coordinated with the numbering plan in Meridian 1.
- The maximum number of CDNs defined for an MICB card is 20 (10 conferences each with two CDNs for dial-in and chairperson).
- To delete a conference item use the **d** command the same way you use the **i** (insert) or **m** (modify) commands in the next example.

In the following example, you have to add 2 new CDNs (#2000 and #2002) and change CDN #2002 and #2008.

Example:

```

SYstem, GConf, DN, BRidge, EScript, REcorder: dn
Current CDNs: 2001, 2002, 2003, 2004, 2005, 2006, 2007
Modify, Save, Cancel: m
CDN (2001): i
insert: 2000
insert: .
CDN (2001): <cr>
CDN (2002): m
modify: 2008
CDN (2008): .
New CDNs: 2000, 2001, 2003, 2004, 2005, 2006, 2007, 2008
Modify, Save, Cancel: Save
List of CDNs has been updated.
SYstem, GConf, DN, BRidge, EScript, REcorder:

```

Bridge Allocator

Use this menu if you wish to reserve MICB ports for a permanent conference bridge. The MICB ports permanently tied up by this bridge are not available for on demand conference use. If by mistake a port assigned to the bridge is used for a conference, and error message will be issued and the assignment will be prevented. The same applies if a double assignment is attempted between two bridges.

The Bridge Allocator allows you to modify a bridge in a list of bridges. You can add new entries to the bridge and change existing entries.

The configurable attributes of the bridge are:

- **number of ports** - a number of MICB ports allocated for a bridge. The prompt shows the current number and the maximum ports available for permanent bridges. The specified number of ports must be greater than 0.
- **language** - defines the selected language for prompts and announcements. The list shows all the available languages. Select a new one by entering its number or press <cr> to use the default.
- **title of conference** - name assigned to the conference bridge. Maximum name length is 20 characters.

- **main CDN** - the directory number to dial in to the bridge to join the conference. The prompt shows the current number and a list of available DNs. You can select any of these DNs by entering it on the list.
- **conferee password** - a password code up to 8 digits long is entered to access the bridge. If 0 is specified, the password is not defined. If user enters a number 4-8 digits long, a password is automatically defined, which is used to access the bridge.
- **chairperson CDN** - directory number to access the conference bridge as a chairperson.
- **chairperson password** - password code up to 8 digits long is entered to access the bridge as a chairperson. If 0 is specified, the password is not defined. If user enters a number 4-8 digits long, a password is automatically defined, which is used to access the bridge as a chairperson.
- **name entry** - option to allow the entry of the conferee's. Default is Yes. If Yes, the conferee is prompted to record their name. The allowed recording time is restricted by Global Conference Attribute Editor from 1 to 10 seconds.
- **custom greeting** - option to allow greeting of a conferee. The default is **brandline**. The other options are **no**, and **meeting**. The custom greeting is invoked during conference reservation and during permanent conference bridge allocation.

Example:

Delete bridge no. 3 and modify chairperson_CDN and other attributes of bridge no. 2.

SYstem, GConF, DN, BRidge, EScript, REcorder: **br**
 Current bridges:

	CDN	Chair- CDN	#Ports	Name _Entry	Gree- ting	Title
1	2000	2001	3	yes	brandline	Bridge2000
2	2020	2021	4	no	no	Bridge2020
3	2030	2031	3	yes	meeting	Bridge2030

Modify, Insert, Delete, Exit: m 2
main CDN (2020 (1-2096, 2-2098)): **<cr>**
conferee password length (0):
chairperson CDN (2021, (1-2096, 2-2098)): **1**
chairperson password length (0):
number of ports (4(8)): **6**
language (american_english, (1-french, 2-brasilian_portuguese,
3-LA_spanish, 4- UK_english))::
name entry (no): **Yes**
custom greeting (no): **Yes**
name of conference (Bridge2020): **<cr>**
New Configurable Attributes of Bridge 2:
main CDN : 2020
conferee password: not defined
chairperson CDN: 2096
chairperson password: not defined
number of ports: 6
language: american_english
name entry: Yes
custom greeting (brandline (1-no, 2-meeting)) : brandline
name of conference: Bridge2020
Modify, Save, Cancel: Save
configurable attributes of bridge 2 have been updated.

Current bridges:

	CDN	Chair- CDN	#Ports	Name _Entry	Gree- ting	Title
1	2000	2001	3	yes	brandline	Bridge2000
2	2020	2096	6	yes	no	Bridge2020
3	2030	2031	3	yes	meeting	Bridge2030

Modify, Insert, Delete, Exit: d 3

Delete bridge 3 ? (Yes, (No)): **Yes**

Bridge 3 is being closed.

Closing may take up to one minute. Please wait.

Current bridges:

	CDN	Chair- CDN	#Ports	Name _Entry	Gree- ting	Title
1	2000	2001	3	yes	brandline	Bridge2000
2	2020	2096	6	yes	no	Bridge2020

Modify, Insert, Delete, Exit: e

SYstem, GConF, DN, BRidge, EScripT, REcorder:

Note: When a parameter such as CDN is changed for an existing bridge, at the time of Save, the bridge will be closed and reopened. Participants on the bridge will be disconnected.

If you try to reduce the number of ports while they are active, an error will be displayed and the system will prompt you to reenter the original number of ports.

Closing a bridge may take up to one minute.

Event Script files

The Audio Script files are associated with conference events. An Audio Script may contain a single file or a set of files that are activated in a specific sequence. These files cannot be changed.

[Table 7](#) shows a list of events that occur during a conference. For each event the system plays one or more audio files to instruct the conferees and the chairperson. These audio files are listed in [Table 8](#) and are numbered in the File column of this table.

Table 7
Voice script files

No.	Situation	Files
With name entry option:		
1.	Greeting to dial-in conferee with name entry	1, 2, 13
2.	Entry of conferee to meeting with prompt name	14, 3
3.	Exit of conferee from meeting with prompt name	15, 4
Without name entry option:		
4.	Greeting to dial-in conferee	1
5.	Entry of conferee to meeting	14
6.	Exit of conferee from meeting	15
General Prompts:		
7.	Announcement to single conferee	5, 6
8.	Chairperson command acknowledge	16
9.	Chairperson command negative acknowledge (lack of resources)	17
10.	Chairperson command error acknowledge (illegal command)	17
11.	Dial-in to non-existent meeting	18
12.	Dial-in to locked meeting	18
13.	Dial-in to fully attended meeting	19
14.	2nd chairperson dial-in attempt	19
15.	Count conferees	27

Table 7
Voice script files

No.	Situation	Files
16.	Meeting termination early warning-10 min till end	15, 7
17.	Meeting termination announcement	15, 8
18.	Record main menu	9
19.	Record invitation	13
20.	Record stopped	16
21.	Record error operation	11,9
22.	Record error operation for new file	11,10
23.	Record main menu for new file	10
24.	Noting to play for new file	12
25.	Password request	21
26.	Repeated password request	22
27.	Incorrect password	23, 22
28.	Exit from the system	24,25,26

[Table 8](#) represents the system script files that can be played for a specific event as shown in [Table 7](#) where, for example event 1 invokes files 1, 2, and 13.

Table 8
Event script files (Part 1 of 5)

No.	Contents
1	<i>Welcome to the meeting.</i>
2	<i>Please enter your name:</i>
3	<i>Announcing the arrival of</i>
4	<i>Announcing the departure of</i>

Table 8
Event script files (Part 2 of 5)

No.	Contents
5	<i>You are the only one in the meeting now.</i>
6	Music
7	<i>Meeting terminates in a few minutes</i>
8	<i>Meeting terminates now</i>
9	<i>Press 2 to play, 5 to record, # to exit</i>
10	<i>Press 5 to record, # to exit</i>
11	<i>Illegal command</i>
12	<i>Nothing to play</i>
13	tone 6 for 500 ms
14	tones: 3,4,5,6 for: 100ms, 100ms, 100ms, 300ms respectively
15	tones: 6,5,4,3 for: 100ms, 100ms, 100ms, 300ms respectively
16	tone 2 for: 200ms on, 50ms off, 200ms on, off.
17	tone 1: 5 bursts of 80ms on/ 80ms off
18	tone 1: 250ms on/250ms off (Overflow tone) for 10 seconds
19	tone 1: 500ms on/500ms off (busy tone) for 10 seconds
20	tone 3: 200ms off/300ms on
21	<i>Password</i>
22	<i>Please enter your password followed by number sign</i>
23	<i>Password incorrect</i>
24	<i>You have failed to enter your password</i>

Table 8
Event script files (Part 3 of 5)

No.	Contents
25	<i>Please hang-up and call your Meridian Integrated Conference Bridge administrator</i>
26	<i>Good-by</i>
27	<i>The number of conferees is</i>
28	<i>One</i>
29	<i>One (for a suffix e.g. twenty one)</i>
30	<i>Two</i>
31	<i>Two (for a suffix e.g. twenty two)</i>
32	<i>Three</i>
33	<i>Three (for a suffix e.g. twenty three)</i>
34	<i>Four</i>
35	<i>Four (for a suffix e.g. twenty four)</i>
36	<i>Five</i>
37	<i>Five (for a suffix e.g. twenty five)</i>
38	<i>Six</i>
39	<i>Six (for a suffix e.g. twenty six)</i>
40	<i>Seven</i>
41	<i>Seven (for a suffix e.g. twenty seven)</i>
42	<i>Eight</i>

Table 8
Event script files (Part 4 of 5)

No.	Contents
43	<i>Eight (for a suffix e.g. twenty eight)</i>
44	<i>Nine</i>
45	<i>Nine (for a suffix e.g. twenty nine)</i>
46	<i>Ten</i>
47	<i>Eleven</i>
48	<i>Twelve</i>
49	<i>Thirteen</i>
50	<i>Fourteen</i>
51	<i>Fifteen</i>
52	<i>Sixteen</i>
53	<i>Seventeen</i>
54	<i>Eighteen</i>
55	<i>Nineteen</i>
56	<i>Twenty</i>
57	<i>Twenty (for a suffix e.g. twenty one)</i>
58	<i>Twenty one</i>
59	<i>Twenty two</i>
60	<i>Twenty three</i>

Table 8
Event script files (Part 5 of 5)

No.	Contents
61	<i>Twenty four</i>
62	<i>Twenty five</i>
63	<i>Twenty six</i>
64	<i>Twenty seven</i>
65	<i>Twenty eight</i>
66	<i>Twenty nine</i>
67	<i>Thirty</i>
68	<i>Thirty (for a suffix e.g. thirty two)</i>
69	<i>Thirty one</i>
70	<i>Thirty two</i>

Table 9 lists the beep frequencies and their level

Table 9
Tone specification

Index	Frequency (Hz)	Level (dBm/freq)
1	480+620	-24
2	440+660	-17
3	440	-14
4	560	-17
5	660	-17
6	880	-17
Maximum single frequency deviation is +/- 2% Maximum level deviation is +/- 5 dB		

Brand line Audio Recorder

Audio Recorder allows you to create new brand line custom greetings for each individual conference. The brand line custom audio files are used for customized greeting during conference. A user may define up to 5 brand line audio files.

When you select Recorder option, you are presented with a list of brand line custom audio files, which can be modified (by entering **m**) or deleted (by entering **d**). You can also inset new brand line files (by entering **i**). The default audio files supplied by the factory may not be modified.

Example:

This is an example of a recording session:

```
SYstem, GConf, DN, BRidge, EScript, REcorder, ?: re
language (americam_english, (1-french, 2-brasilian_portuguese,
3-LA_spanish, 4- UK_english)): <cr>
File Name
1 a:mlaw\user\english\BRANDLIN.WAV: m
Dial 2099 to begin recording session.
Follow voice instructions.
Typing "exit" will end the recording session.
After the recording is completed and the phone is off-hook
Upon completion of recording, select one of the following:
Save, Modify, Cancel: s
SYstem, GConf, DN, BRidge, EScript, REcorder, ?:
```

The newly recorded message will be played only after it is saved. It will be played when a conferee dials the conference or the chairperson CDN.

Help display

When you choose the help command "?", the system displays commands related to the string of commands in the menu, as follows:

```
SYstem, GConf, DN, BRidge, EScript, REcorder, ?: ?
```

Short command	Full command	Explanation
sy	system	System Attribute Editor
gc	gconf	Global Conference Attribute Editor
dn	dn	CDN Editor
br	bridge	Bridge Allocator
re	recorder	Audio Recorder

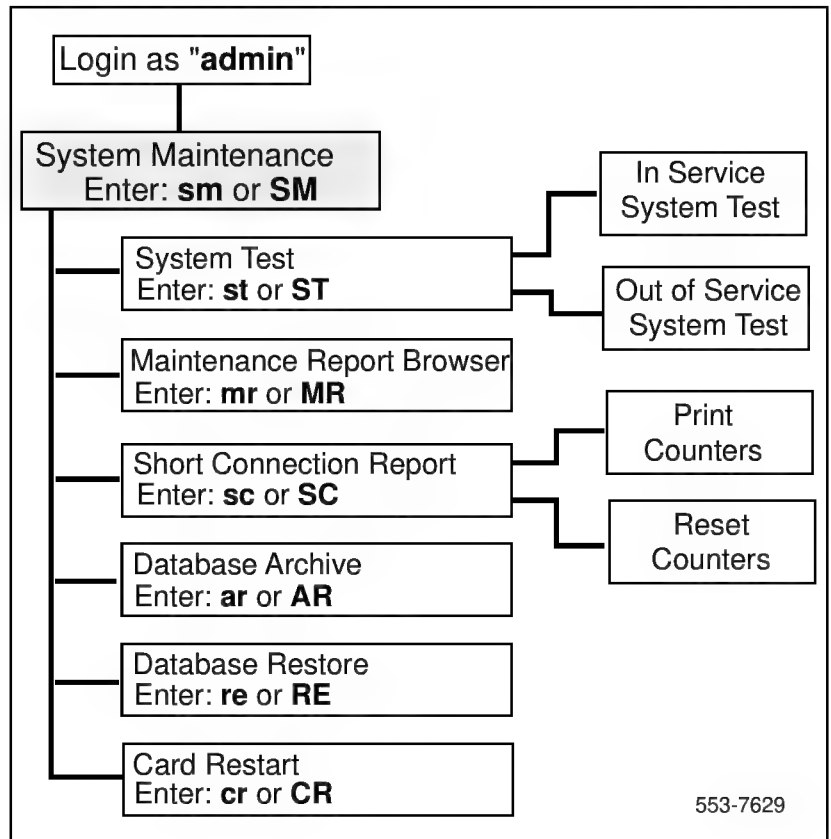
System, GConf, DN, BRidge, EScript, REcorder,?:

System Maintenance menus

The System Maintenance menus are accessed from the Main Menu after you logged in as an administrator (**admin**) and by entering the **sm** or **SM** or the full command (**SMaint**).

Figure 8 shows the System Maintenance menu structure. The System Test and Short Connection Report menus have two sub-menus.

Figure 8
System Maintenance menu



System Tests

Use this menu to perform system component tests. You can perform in-service tests that do not disrupt service and out-of-service tests that disrupt service for the duration of the test. If you select:

- **i** - you will perform in-service tests.
- **o** - you will perform out-of-service tests.

Example

In the following example, perform the service impacting (out-of-service) tests.

```
STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?: st
Inserv, Outserv: o
Perform service impacting test ? (Yes, (No)): Yes
Performing service impacting test ...Test passed.
Inserv, Outserv: *
STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?:
```

Maintenance Report Browser

This menu allows you to display and browse maintenance reports according to date. These reports are used to analyze system problems based on error messages compiled on that specified date.

All reports are time stamped and contain information regarding the cause of the problem. After the data is displayed, the system returns to the *year-month-day* prompt using the last selected date as default.

To exit the report, enter “.” (dot), to interrupt the report display, enter “*<cr>” (star and return).

The maintenance reports have the following format:

```
<serial number>: <MON_REPORT_ID> <channel #> <time>
<Applic_Manager_cycle> <Message Body>
```

Example:

Display the maintenance report for March 15, 1996.

```
STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?: mr
year(1996): 1996
month (11): 03
day (22): 15
1234:timer101 ch01 16:16:18:111 9000 "Num: 100 Timing Stop. 00."
1235: sig100 ch00 16:17:05:234 9900 "SIG: Q_APP in msg:0000005A"
0001:HW PCMCIA001 In0077 ch01 16:25:29:836 PCMCIA card
inserted in socket 1
year (1996): .
STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?:
```

The selected date must be in the past not future. The old files that exceed the report aging number of days are discarded. If date entered is too old, an error message is displayed. If the date is within the correct date range, but there are no report entries for that day, a message indicating no messages is displayed.

Short Connection Report

The Short Connection Report menu allows you to present or reset the short connection peg-count.

Short port occupancy may indicate fault condition on the particular port or dialing of an incorrect CDN. The short occupancy range is set in the System Administration menu from 1 to 30 seconds (default is 10 seconds). If 0 is selected, the short occupancy count is disabled.

You have an option to print (**p**) or to reset (**r**) the counter. When printing the counters peg-count, all ports with a count are presented in the following format:

```
port #   today's_count   total_count
```

today's count - count of short connections that occur today

total count - cumulative count of all short connections since the MICB was last reset or the short connection counters were reset.

If all counters are zero, the header is printed followed by the message:
all counters are zero

When you execute the reset, all counters are set to zero.

Example:

STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?: **sc**
 Print, Reset: **p**

Port #	today's_count	total_count
10	2	4
18	1	10
31	5	34

Print, Reset: **r**
 Reset all short connection counters? (Yes, (No)) **Yes**
 Counters reset.
 Print, Reset: *****
 STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?:

When help is displayed, you get the following: ?

Short command	Full command	Explanation
p	print	Present peg-count of short port occupancy.
r	reset	Reset peg-count of short port occupancy.

Database Archive

Database Archive allows you to backup customer database. The system copies a set of database files from the active PCMCIA card in lower slot (drive A): to the backup PCMCIA card in the upper PCMCIA socket (drive B:). Names of files to be backed up are specified in the DB Description file. These files include configuration and reservation databases, as well as user made voice files.

For backup, you can use PCMCIA ATA Flash card and Type II and Type III cards. If the PCMCIA Flash card memory is too small to accept all the archived database information, an error will be displayed indicating that there is not enough memory.

Example:

STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?: **ar**
 Backup Database ? (Yes, (No)) **y**
 Please wait, performing backup... completed.
 STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?:

Database Restore

Database Restore allows you to restore customer database to the system PCMCIA card installed in the lower slot (drive A:). The system copies a set of files from the backup PCMCIA card installed in the upper slot (drive B:) to the active PCMCIA card in the lower slot (drive A:). Names of files to be restored are specified in the DB Description file.

Example:

STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?: **re**
 Restore Database ? (Yes, (No)) **y**
 Please wait, performing restore... completed.
 STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?:

Card Restart

Restarts the MICB card. This initiates the software reload.

STest, MReport, SCon, ARchivdb, REstordb, CRestart, ?: **cr**
 Restart MICB card ? (Yes, (No)) **yes**

This action returns the MICB card to the initial screen and you must login again.

Help display

Displays the commands and their explanation at the System Maintenance level.

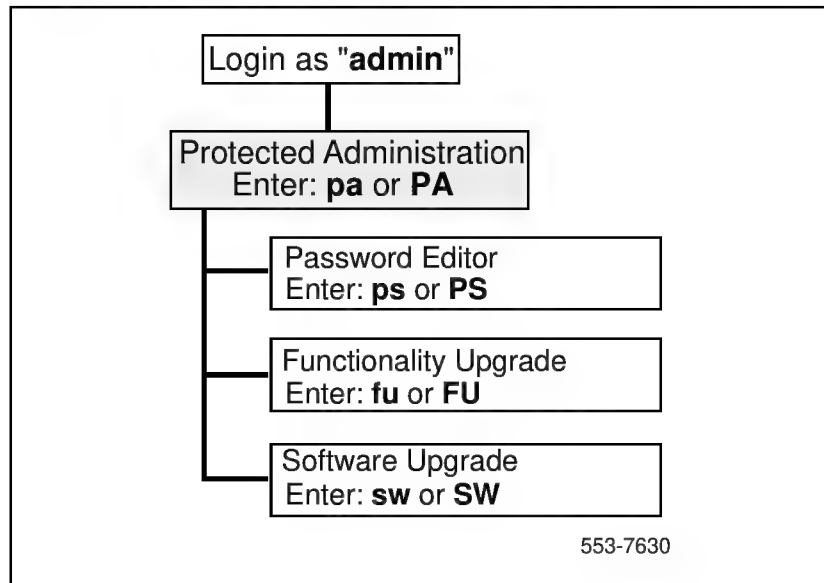
Short command	Full command	Explanation
st	stest	System Test directory
mr	mreport	Browse Maintenance Reports
sc	scon	Short Connection Report directory
ar	archivdb	Back-up customer database
re	restordb	Restore customer database
cr	crestart	Reset MICB card

Protected Administration

The Protected Administration menus are accessed from the Main Menu after you logged in as an administrator (**admin**) and by entering the **pa** or **PA** or the full command (**PAdmin**).

Figure 9 shows Protected Administration menus used for password administration, and port and software upgrade keycode administration.

Figure 9
Protected Administration menu



Password Editor

To change passwords log in as an administrator using the default password **admin** and access the Password Editor menu from the Protected Administration menu.

You can change the default or any other password to a new password. The maximum password length is 10 characters. The operator and the administrator passwords must not be the same.

If you do not remember the password, you can enter the **rst** command and then, you will be prompted to enter the card ID. After the card ID is authenticated, the system resets the passwords to their default (admin, oper) and then you can modify the passwords.

Example:

This example shows how to modify the operator and the administrator passwords:

```
PSweditor, FUpgrade, SWUpgrade, ?: ps
Current Passwords:
oper: oper
admin: admin
Modify, Save, Cancel: m
oper (oper): operator
admin: hokeypokey
New passwords:
oper: operator
admin: hokeypokey
Modify, Save, Cancel: Save
Passwords have been updated.
PSweditor, FUpgrade, SWUpgrade, ?:
```

Functionality Upgrade

Functionality Upgrade allows you to change the number of available MICB ports/channels. To be able to change the number of ports/channels, you must enter the keycode, which is compared with the one stored in the MICB memory. Following the keycode authentication the currently enabled MICB ports/channels are displayed.

You are allowed three attempts to enter the correct keycode. If you fail to enter the correct keycode, the changes you made will not take effect. If the keycode has been authenticated, the changes you made are stored in the memory and will take effect allowing to use specified number of MICB ports.

The keycode is entered using three prompts key-code1, key-code2 and key-code3, each requires entry of 8 digits.

Example:

This example will expand the number of available MICB ports from 8 to 16:

```
PSweditor, FUpgrade, SWUpgrade, ?: fu
max conf_ports: 8
Modify, Save, Cancel: m
max conf_ports (8): 16
Modify, Save, Cancel: Save
Enter key-code1: 12121234
Enter key-code2: 23232345
Enter key-code3: 32222385
Failure on accepting key-code!
Modify, Save, Cancel: Save
Enter key-code1: 121ad234
Enter key-code2: 12128934
Enter key-code3: 32222385
PSweditor, FUpgrade, SWUpgrade, ?:
```

Software Upgrade

Software Upgrade menu allows you to upgrade the MPU and the DSP software on an active MICB card. The new software is stored on a PCMCIA card, which should be installed in slot A: on the MICB card before executing the software upgrade command. If the PCMCIA card is not installed, when you try to save the upgrade, the system issues an error message as follows:

```
There is no PCMCIA in socket 1
MPU upgrade failed.
There is no PCMCIA in socket 1
DSP upgrade failed.
```

To upgrade the software:

- 1** Plug the PCMCIA Flash card into the top PCMCIA slot on the MICB. Make sure that the PCMCIA hard drive card is still installed in the lower PCMCIA slot.
- 2** Login as the administrator “admin” and proceed as shown in the example below.

Example:

Upgrade the software:

```
PSweditor, FUpgrade, SWupgrade, ?: sw
software release: 03, issue: 07
Modify, Save, Cancel: m
Modify software ? (Yes, (No)) yes
Modify, Save, Cancel: Save
Installation of software in progress...
New s/w will be used following MICB restart.
Restart MICB ? (Yes, (No)) No
PSweditor, FUpgrade, SWupgrade, ?:
```

- 3** After the upgrade is completed, you may remove the PCMCIA Flash card from the upper PCMCIA slot.

Help display

The following help information is displayed when help (?) command is chosen at the Protected Administration level.

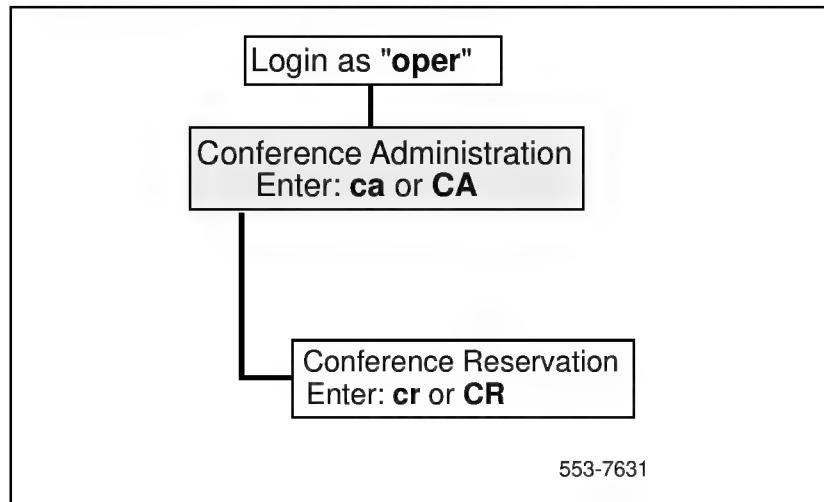
Short command	Full command	Explanation
ps	psweditor	Password Editor
fu	fupgrade	Functionality Upgrade (MICB ports)
sw	swupgrade	Software Upgrade (MPU/DSP s/w)

Conference Administration

The Conference Administration menu is accessed from the Main Menu after you logged in as an administrator (**admin**) or an operator (**oper**) and by entering the **ca** or **CA** or the full command (**CAdmin**).

Figure 10 shows the Conference Administration menu used for conference reservation. You can login as an administrator or an operator.

Figure 10
Conference Administration menu



Conference Reservation

This menu allows you to schedule a conference, delete, or modify an already scheduled conference.

Note: This menu is effective only for new and already scheduled conferences that are not active, but will be active in the future in the time span from a minimum of 10 minutes to a maximum of 6 months from now. For a conference that is already active or will start in 3 minutes or less, you have to use the Conference Maintenance menu to make any changes. The maximum length of a conference is 12 hours.

It is advisable to include into the greeting the request that conferees enter their names.

Upon selecting the Conference Reservation menu, you are prompted to enter a date you wish to add, delete, or modify a conference. The system displays all scheduled conferences for that date.

A conference can be modified by selecting its number in the displayed list and enter the modify command (**m**), or a new conference can be added to the list by entering the insert command (**i**). You can also delete a conference by selecting the number of the conference in the list of conferences and entering the delete command (**d**).

During conference modification, the system presents the number of ports currently available for the specified time slot and the available CDNs. If either ports or CDNs are not available, an error message is displayed, the modification is aborted, and the scheduling menu is displayed again. A maximum of 256 conferences can be scheduled for one day.

When you are modifying a conference, if you change start time and duration, the CDNs and number of ports are cleared to avoid conflict with already scheduled conferences.

The following are configurable attributes of each conference:

- **start** - the specified conference starting time (HH:MM), rounded to the nearest 5 minutes. A conference may start and end 2 minutes before the requested time. If start time and/or duration are modified, CDNs and number of ports are cleared to avoid conflict with other scheduled conferences. A message indicates that.
- **duration** - the duration of a conference in (HH:MM) rounded to the nearest 5 minutes. Minimum duration is 15 minutes and maximum is 12 hours. A conference may cross a single day boundary by bridging the 12:00 pm (midnight). The second day entry has a star (*) appended.
- **main CDN** - the directory number dialed by a conferee to access a specific conference. This prompt displays the current CDN (if any) and a list of available CDNs. You can select a CDN by entering its serial number.

- **conferee password** - a password code up to 8 digits long is entered to access the bridge. If 0 is specified, the password is not defined. If user enters a number 4-8 digits long, a password is automatically defined, which is used to access the bridge.
- **chairperson CDN** - the CDN that the chairperson dials to access the conference
- **chairperson password** - password code up to 8 digits long is entered to access the bridge as a chairperson. If 0 is specified, the password is not defined. If user enters a number 4-8 digits long, a password is automatically defined, which is used to access the bridge as a chairperson.
- **number of ports** - the number of ports reserved for this conference. The prompt displays the current number of ports and the maximum number of ports available in the requested time range. The number must be greater than 0.
- **language** - defines the selected language for prompts and announcements. The list shows all the available languages. Select a new one by entering its number or press <cr> to use the default.
- **name entry** - (Yes) or No. The default is Yes. If Yes, the conferee is required to state their name when joining the conference. The length of recording is set between 1 and 10 seconds using System Attributes Editor.
- **expansion** - Yes or (No). The default is No. If Yes, the conference is allowed to use available unassigned ports beyond the reserved number of ports.
- **custom greeting** - (brandline), no, meeting). The default is brandline. If no, the greeting is not issued. If the entry is meeting a generic customer greeting is issued such as "Wellcome to the conference", it is advisable to include in the greeting the request that the callers enter their names.
- **name of chairperson** - Default is no name. Otherwise, the maximum name size is 20 characters.
- **name of conference** - the name or title of the conference. Default is no name. Otherwise, the maximum name size is 20 characters. Once defined, the name cannot be deleted. However, it can be changed to <BLANK> and no name will be displayed.

Example:

Define a new conference:

CRes: cr

years (1997): <cr>

month (03): <cr>

day (12): 20

Current conferences for 20/03/1997:

	Start	Duration	CDN	Char CDN	No of Ports	Name Entry	Expan- sion	Gree- ting	Chair person	Title
1	08:00	04:00	2000	2001	3	yes	no	brandlin	Bob	Tech Xfer
2	12:00	03:00	2020	2021	4	no	no	no	Barry	PLM Rev
3	21:00	02:00	2030	2031	3	yes	yes	meeting	Tri	Conf

If there are no conferences scheduled for the specified day, the table would not appear and a message would indicate "There are no conferences scheduled for this day."

Modify, Insert, Delete, Exit: i

start (00:00):

duration (00:00): **02:00**

main CDN (1-2006, 2-2007, 3-2008): **2**

conferee password length (0): <cr>

chairperson CDN (1-2006, 2-2008)): **1**

chairperson password length (0): **6**

number of ports (0 (4)): **4**

language(american_english, (1-french, 2-brasilian_portuguese, 3-LA_spanish, 4- UK_english)): **1**

name entry (no): **yes**

expansion (no): **yes**

customer greeting (brandline): **No** (if **brandline** you get a message to record)

name of chairperson (): **Dale**

name of conference(""): **Meeting**

Attributes of New Conference are:

start: 10:30

duration: 2:00

main CDN: 2007

conferee password: not defined

chairperson CDN: 2006

chairperson password: not defined

number of ports: 4
 language: french
 name entry: yes
 expansion: yes
 customer greeting: No *(if Yes you get a message to record)*
 name of chairperson: Dale
 name of conference: Meeting
 Modify, Save, Cancel: **Save**
 New conference has been defined.
 Current conferences for 20/11/1996:

	Start	Duration	CDN	Char CDN	No of Ports	Name Entry	Expan- sion	Gree- ting	Chair person	Title
1	08:00	04:00	2000	2001	3	yes	no	brand	Bob	Tech Xfer
2	10:30	02:00	2007	2006	4	yes	yes	no	Dale	Meeting
3	12:00	03:00	2020	2021	4	no	no	no	Barry	PLM Rev
4	21:00	02:00	2030	2031	3	yes	yes	meeting	Tri	Conf

Modify, Insert, Delete, Exit: **e**
 CRes:

Help display

The following help information is displayed when help (?) command is chosen at the Conference Administration level.

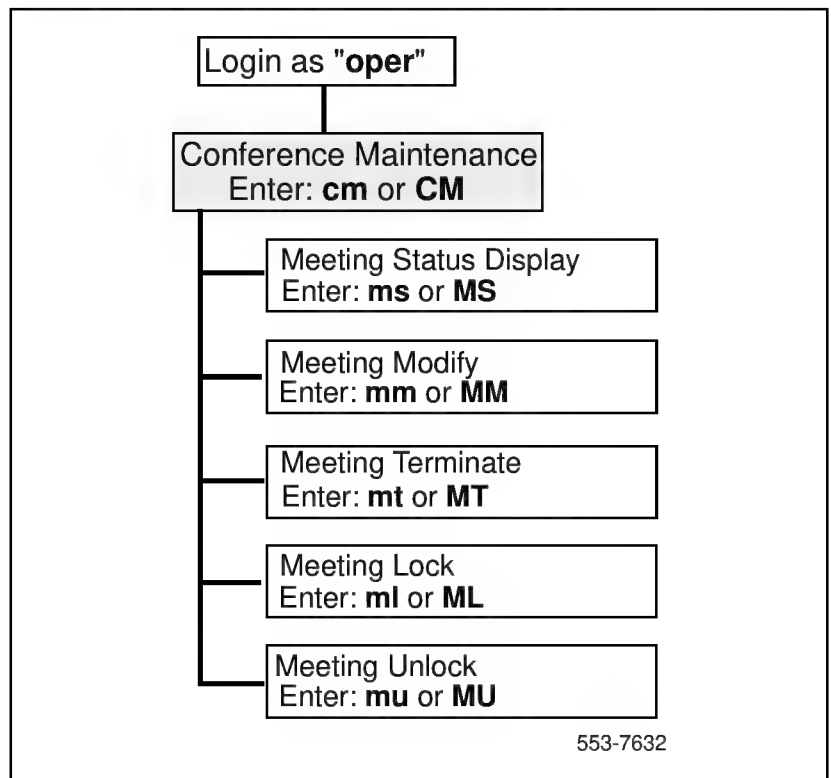
Short command	Full command	Explanation
cr	crsr	Reserve conference for specific time.

Conference Maintenance

The Conference Maintenance menu is accessed from the Main Menu after you logged in as an administrator (**admin**) or an operator (**oper**) and by entering the **cm** or **CM** or the full command (**CMaint**).

Figure 11 shows the Conference Maintenance menu and its sub-menus. These sub-menus modify active conferences, i. e. conferences that are in progress or conferences that will start within 3 minutes.

Figure 11
Conference Maintenance administration menu



Note: This menu cannot operate on conferences scheduled for future activation. It operates only on conferences in progress or those that will start within 3 minutes.

When you select Conference Maintenance menu, the system displays a list of currently active conferences, as follows:

	Start	Duration	CDN	Char CDN	No of Ports	Status	Locked	Chairper- son	Title
1	00:00	forever	2000	2001	3(3)	bridge	no		Bridge 2000
2	10:30	02:00	2007	2006	5(4)	expand	yes	Dale	Meeting
3	12:00	03:00	2020	2021	1(4)	active	no	Barry	PLM Rev
4	21:00	02:00	2030	2031	0(3)	next	no	Tri	Conf

To operate on a conference or bridge, you must select its number in the left most column of the display. The conference with the status “next” cannot be modified with this menu, you must use the Conference Administration menu.

The possible conference status may be: bridge, active, expanded, ending, failed, or next.

Meeting Status Display

This menu displays detailed information about a selected conference and its ports. Refer to Port Status Display in the Port Maintenance menu.

Example:

MStatus, MModify, MTerminate, MLock, MUnlock, ?: **ms 2**

Attributes of conference 2:

start: 10:30

duration: 02:00

main CDN: 2007

conferee password: 509873

chairperson CDN: 2006

chairperson password: 565509

number of ports: 3(4)

language: american_english

name entry: yes

expansion: yes

customer greeting: No

status: active

locked: yes

name of chairperson: Dale

name of conference: Meeting

ports:

Port_ID	Status
2	dial_in
10	chairperson
29	dial_out

	Start	Duration	CDN	char CDN	No. of Ports	Status	Locked	Chairper- son	Title
1	00:00	forever	2000	2001	3(3)	bridge	no		Bridge 2000
2	10:30	02:00	2007	2006	5(4)	expand	yes	Dale	Meeting
3	12:00	03:00	2020	2021	1(4)	active	no	Barry	PLM Rev
4	21:00	02:00	2030	2031	0(3)	next	no	Tri	Conf

MStatus, MModify, MTerminate, MLock, MUnlock, ?:

Meeting Modify

This menu can be used to modify a conference that is already active or will start within 3 minutes. It changes the number of conference ports, duration, and expansion of the conference. If you reduce the number of ports below the currently active number of ports or if you reduce the conference duration below three minutes after the current time, the system will display an error. Also, if a conference original termination is within next 3 minutes, the change cannot be made.

If an error is displayed, the system will prompt you to correct the error. If the change made the conference end within 3 minutes, the change is discarded. If the number of ports previously defined is too large, the number of ports is reduced to the maximum available during the requested time span.

Changes are in effect after executing the Save command. This command cannot be used for bridges.

Example:

```
MStatus, MModify, MTerminate, MLock, MUnlock, ?: mm 2
conference 2:
duration (02:00): 02:30
number of ports (4 (5)): 5
expansion (yes): <cr>
New attributes of conference 2 are:
duration: 2:30
number of ports: 5
expansion: yes
Modify, Save, Cancel: Save
Attributes of conference 2 have been updated.
```

	Start	Duration	CDN	char CDN	No. of Ports	Status	Locked	Chair person	Title
1	00:00	forever	2000	2001	3(3)	bridge	no		Bridge 2000
2	10:30	02:30	2007	2006	5(5)	active	no	Dale	Meeting
3	12:00	03:00	2020	2021	1(4)	active	no	Barry	PLM Rev
4	21:00	02:00	2030	2031	0(3)	next	no	Tri	Conf

```
MStatus, MModify, MTerminate, MLock, MUnlock, ?:
```

Meeting Terminate

This menu terminates a scheduled and currently active conference. All the conference participants are disconnected and ports assigned to this conference become un-assigned. This menu does not terminate a bridge. A conference that is scheduled to terminate within 3 minutes cannot be terminated using this menu.

When a conference is terminated, its duration is shortened in the reservation database to avoid reopening it in case the MICB card is reset.

Example:

MStatus, MModify, MTerminate, MLock, MUnlock, ?: **mt 3**

Terminate conference 3 ? (Yes, (No)) **Yes**

Conference 3 is being closed.

	Start	Duration	CDN	char CDN	No. of Ports	Status	Locked	Chair person	Title
1	00:00	forever	2000	2001	3(3)	bridge	no		Bridge 2000
2	10:30	02:30	2007	2006	5(5)	active	no	Barry	Meeting
3	21:00	02:00	2030	2031	0(3)	next	no	Yuval	Conf

MStatus, MModify, MTerminate, MLock, MUnlock, ?:

Meeting Lock

This menu locks a currently active conference so that potential conferees trying to access the conference are not allowed to join.

Example:

MStatus, MModify, MTerminate, MLock, MUnlock, ?: **ml 2**

Lock conference 2 ? (Yes, (No)) **Yes**

Conference 2 is being locked.

	Start	Duration	CDN	char CDN	No. of Ports	Status	Locked	Chair person	Title
1	00:00	forever	2000	2001	3(3)	bridge	no		Bridge 2000
2	10:30	02:30	2007	2006	5(5)	active	yes	Barry	Meeting
3	21:00	02:00	2030	2031	0(3)	next	no	Yuval	Conf

MStatus, MModify, MTerminate, MLock, MUnlock, ?:

Meeting Unlock

This menu unlocks a currently active conference so that potential conferees trying to access the conference are allowed to join.

Example:

MStatus, MModify, MTerminate, MLock, MUnlock, ?: **mu 2**

Unlock conference 2 ? (Yes, (No)) **Yes**

Conference 2 is being unlocked.

	Start	Duration	CDN	char CDN	No. of Ports	Status	Locked	Chair person	Title
1	00:00	forever	2000	2001	3(3)	bridge	no		Bridge 2000
2	10:30	02:30	2007	2006	5(5)	active	no	Barry	Meeting
3	21:00	02:00	2030	2031	0(3)	next	no	Yuval	Conf

MStatus, MModify, MTerminate, MLock, MUnlock, ?:

Help display

The following help information is displayed when help (?) command is chosen at the Conference Maintenance level.

Short command	Full command	Explanation
ms	mstatus	Meeting Status Display
mm	mmodify	Meeting Modify
mt	mtterminate	Meeting Terminate
ml	mlock	Meeting Lock
mu	munlock	Meeting Unlock

Chairperson commands

The chairperson can execute commands using the telephone set to manage the features configured in the Conference Reservation menu. The chairperson becomes the person that first dials the chairperson CDN. The conference may be conducted without a chairperson. These chairperson commands can be executed only during conference.

Note: When chairperson dials out to an other MICB conference, two ports are being used, the dial out port of this MICB and the dial in port of the other conference MICB. These two ports are not automatically disconnected, therefore the chairperson must disconnect the dial out port before leaving the conference.

The chairperson's and conferee commands are listed in the [Table 10](#) below:

Table 10
Conference commands

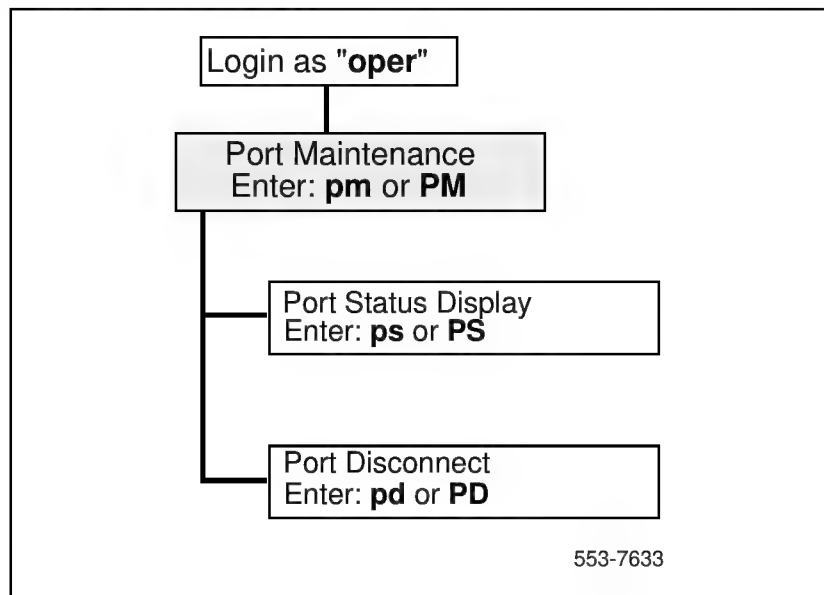
Chairperson Command	Description
*0<DN>#	Dials out to a DN (called party directory number, which may or may not be a conference participant)
*0#	Dials out to the assistant DN
*#	Redials last dialed DN
*1	Not used
*2	Returns to the conference with dialed party
*3	Returns to the conference without dialed party
*4	Locks the conference
*5	Unlocks the conference
*6	Counts conferees
*90	Drops all ports except the chairperson's port
*91	Drops the last dialed-out port
*92	Drops the last dialed-in port
*99	The chairperson, if the first to join the conference, can dial *99 and stop conference music, and by dialing *99 again, the music starts again.
Conferee Command	Description
*	First conferee that joins the conference can stop the initial conference music by dialing *, by dialing * again the music starts again.

Port Maintenance

The Port Maintenance menu is accessed from the Main Menu after you logged in as an administrator (**admin**) or an operator (**oper**) and by entering the **pm** or **PM** or the full command (**PMaint**).

[Figure 12](#) shows the Port Maintenance menu and its sub-menus. The sub-menus display the status of the MICB ports and disconnects a specific MICB port.

Figure 12
Port Maintenance menu



Port Status Display

This menu displays the status of all MICB ports regardless of their allocation. A possible status for a port may be: Idle, Dialing_out, Ringing, Talking, and Disable.

Example:

PStatus, PDisconnect, ?: ps

Port_ID	Port_Status	Port_ID	Port_Status
0	DISABLE	16	IDLE
1	DISABLE	17	IDLE
2	IDLE	18	DIALING_OUT
3	TALKING	19	DIALING_OUT
4	TALKING	20	RINGING
5	TALKING	21	RINGING
6	IDLE	22	IDLE
7	RINGING (Note)	23	DIALING_OUT (Note)
8	TALKING	24	TALKING
9	TALKING	25	IDLE
10	TALKING	26	TALKING
11	TALKING	27	TALKING
12	IDLE	28	IDLE
13	RINGING	29	DIALING_OUT
14	TALKING	30	IDLE
15	IDLE	31	RINGING

Note: Dialing out and ringing are very short events.

PStatus, PDisconnect, ?: * (to exit)

Port Disconnect

Allows you to disconnect a specific MICB port from the conference.

Example:

PStatus, PDisconnect, ?: pd 13
 Disconnect port 13 ? (Yes, (No)) **yes**
 Port 13 has been disconnected.
 PStatus, PDisconnect, ?:

Help display

The following help information is displayed when help (?) command is chosen at the Port Maintenance level.

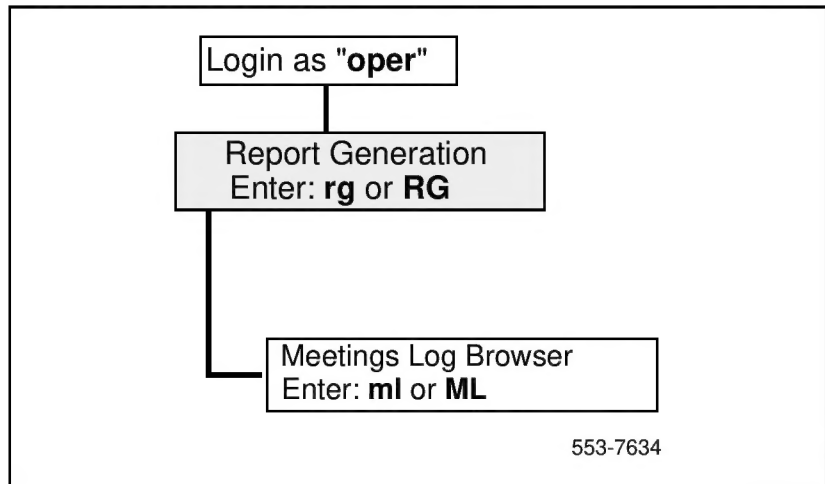
Short command	Full command	Explanation
ps	pstatus	Display Status of all Ports
pd	pdisconnect	Disconnect specified port

Report Generation

The Report Generation menu is accessed from the Main Menu after you logged in as an administrator (**admin**) or an operator (**oper**) and by entering the **rg** or **RG** or the full command (**RGen**).

[Figure 13](#) shows the Report Generation menu used to present log of conference events for a particular date.

Figure 13
Report Generation menu



Meeting Log Browser

This menu displays a log of conference events for a specified date. After the data is displayed, the system returns to the *year-month-day* prompt using the last selected date as default. To exit the log, enter the “.” (dot) at the prompt. If you wish to exit the log before the entire log is displayed, enter “* <cr>” (star and return).

Each event report starts with the time stamp and the main CDN in the following format

hours:minutes:seconds (CDN) <description of event>

Example:

```
MLog: ml
year (1996): 1995
month (02): 03
day (20): 15
14:55:06 (2230) opened:
```

CDN	chair-CDN	# Ports	Name_entry	Expansion	Assist_DN
2230	2001	3	yes	no	1000

```
15:00:45 (2220) expanded
15:01:00 (2220) entry: 24 //Conferee entered conference on port 24//
15:03:23 (2230) ch_entry: 4 //Chairperson joined conference on port 4//
15:03:56 (2220) exit: 14 //Conferee left conference from port 14//
16:35:09 (2230) mmi_op lock //Conference locked//
16:44:15 (2220) mmi_op unlock //Conference unlocked//
16:45:00 (2220) closed
16:56:02 (2230) ch_com dial_out: 395945 //Chairperson dials out DN//
16:57:00 (2230) ch_com return //Chair. returns without called party//
16:58:20 (2230) ch_com redial: 395945 //Chair redialed last dialed DN//
16:59:16 (2230) ch_com ret with_party //Chr return with called party//
16:58:45 (2230) ch_com count //Chirperson counts conferees//
17:00:54 (2230) mmi_op num_of_ports: 2 //New number of ports is 2//
17:01:44 (2230) mmi_op duration: 4:00 //New duration is 4 hours//
17:02:54 (2230) mmi_op expansion: yes //Port expansion is allowed//
17:03:45 (2230) ch_com lock //Chairperson locks conference//
17:05:45 (2230) ch_com unlock //Chairperson unlocks conference//
17:08:26 (2230) ch_com drop last d_in //Drop last dial in conferee//
17:08:56 (2230) ch_com drop last d_out //Drop last dial out conferee//
17:09:16 (2230) ch_com drop all //Drop all conferees//
```

The date you select to display the conference log should be in the passed not future.

Old log files are deleted after the predefined report aging time is exceeded. If there are no log files for the specified date, the system will indicate this fact.

Help display

The following help information is displayed when help (?) command is chosen at the Report Generation level.

Short command	Full command	Explanation
ml	mlog	Meeting Log Browser